

20030822.qrp v03_n020.qrl.20030822

Date: Fri, 22 Aug 2003 19:03:07 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3020

QRP-L Digest 3020

Topics covered in this issue include:

- 1) [156654] Re: RG-8 half price....
by "Bill Jones" <kd7s@psnw.com>
- 2) [156655] BLT tuner info
by Rick McKee <kc8aon@juno.com>
- 3) [156656] For Sale
by "Brian Murrey" <brian@iquest.net>
- 4) [156657] Re: RG-8 half price....
by Alex <kr1st@amsat.org>
- 5) [156658] FS: QRP equipment
by Rick McKee <kc8aon@juno.com>
- 6) [156659] RE: brainstorming on BPL
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 7) [156660] RE: brainstorming on BPL
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 8) [156661] Re: brainstorming on BPL // Attn Ed, W1RFI
by "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>
- 9) [156662] K8FF
by "Rod Hotz" <42hotrodz@sbcglobal.net>
- 10) [156663] Fibreglass poles
by Vin Santis <vsantis@earthlink.net>
- 11) [156664] Re:] Fiberglass poles
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 12) [156665] Postage from ZD7?
by Alex <kr1st@amsat.org>
- 13) [156666] Re: BLT tuner info
by Chuck Carpenter <w5usj@9plus.net>
- 14) [156667] Re: OT: Amateurs we are...
by Tim Groat <tcgroat@earthlink.net>
- 15) [156668] Re: Fibreglass poles
by William R Colbert <w5xe@juno.com>
- 16) [156669] Another BPL comment snafu...
by Tim Groat <tcgroat@earthlink.net>
- 17) [156670] DDS Daughtercard - Builders' Notes
by "George Heron N2APB" <n2apb@erols.com>
- 18) [156671] Micro M Plus...
by Bruce Rattray <rattray@gpfn.sk.ca>
- 19) [156672] KG6CYN DDS - Mini Circuits ERA-1SM Group Buy

- by "Gene - NN7CK" <nn7ck@mindspring.com>
- 20) [156673] [CONTEST] N2CQ QRP Calendar Aug 22-31
by "Ken Newman" <n2cq@comcast.net>
- 21) [156674] Re: Fibreglass poles (fiberglass?)
by Peter Burbank <peterlee@qx.net>
- 22) [156675] RE: Pocket DOS for the Pocket PC
by "Ron McConnell" <rcmcc@earthlink.net>
- 23) [156676] Re: [Re: Fibreglass poles (fiberglass?)]
by Michael Goins <mgoins@usa.net>
- 24) [156677] Re: brainstorming on BPL
by Richard Clem <clem.law@usa.net>
- 25) [156678] RE: Pocket DOS for the Pocket PC
by "Ron McConnell" <rcmcc@earthlink.net>
- 26) [156679] RE: Pocket DOS for the Pocket PC - AGAIN
by "Ron McConnell" <rcmcc@earthlink.net>
- 27) [156680] BPL (I realize most are tired of this topic)
by Peter Burbank <peterlee@qx.net>
- 28) [156681] Re: [Re: Fibreglass poles (fiberglass?)]
by "John Paul Keon" <jpkeon@nc.rr.com>
- 29) [156682] F/S:: SWL SW40+
by k7gt@comcast.net
- 30) [156683] El Cheapo board spacers
by Peter Burbank <peterlee@qx.net>
- 31) [156684] FS: Ten-Tec model 238 antenna tuner
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 32) [156685] More El Cheapo Board Spacers
by mjfitz@uswest.net
- 33) [156686] FS: QRP+ Companion (Lots of things in one!!)
by "=?iso-8859-1?q?Miguel=20Angel=20D.J.?=" <ea1bp@yahoo.es>
- 34) [156687] Re: Fibreglass poles
by "John" <jdorson@worldshare.net>
- 35) [156688] What is it about hams?
by "Paul Valko" <w8kc@comcast.net>
- 36) [156689] Fw: RG-8 half price....
by "Walt Amos" <waltk8cvaamosqrp@gbronline.com>
- 37) [156690] Fw: RG-8 half price....
by "Walt Amos" <waltk8cvaamosqrp@gbronline.com>
- 38) [156691] Re: RG-8 half price....
by "Lee Mairs" <lmairs@direcway.com>
- 39) [156692] Re: RG-8 half price....
by "Hugo W. Catta" <hugo@optonline.net>
- 40) [156693] Re: What is it about hams?
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 41) [156694] Re: What is it about hams?
by John Sielke <jsielke@pobox.com>
- 42) [156695] Fiberglass poles..try the rakes and shovels
by ve3ab@mail.mondenet.com
- 43) [156696] Re: RG-8 half price....

by "Michael Melland, W9WIS" <w9wis@charter.net>
44) [156697] Schematic Drawing Program
by Jeremy Cowgar <jc@cowgar.com>
45) [156698] RE: QRP-L digest 3019
by k1nun@netscape.net
46) [156699] Re: [Re: [Re: Fibreglass poles (fiberglass?)]]
by Michael Goins <mgoins@usa.net>
47) [156700] BUBBA (and FYB0)
by "John Sielke" <jsielke@pobox.com>
48) [156701] Re: Amateurs we are...
by Rob Matherly <w0jrm@arrl.net>
49) [156702] Another CEPT country to drop the code requirement
by Alex <kr1st@amsat.org>
50) [156703] Re: Schematic Drawing Program
by rwk32882@apk.net
51) [156704] RE: Schematic Drawing Program
by "Lyle Johnson" <wa7gxd@fidalgo.net>
52) [156705] HB: Large Ferrite Cores
by "w8diz" <w8diz@cinci.rr.com>
53) [156706] Re: BUBBA (and FYB0)
by Bob Patten <n4bp@bellsouth.net>
54) [156707] Re: Another CEPT country to drop the code requirement
by K7V0 <k7vo@earthlink.net>
55) [156708] Re: SMT/SMD Prototype Boards
by "Bill Acito W1PA" <w1pa@hotmail.com>
56) [156709] Re: Schematic Drawing Program
by Dale Botkin <dale@botkin.org>
57) [156710] Pittsburg style with a dremel router?
by "Bill Acito W1PA" <w1pa@hotmail.com>
58) [156711] Re: Another CEPT country to drop the code requirement
by "Jerry Lofstead" <jerrylofstead@bellsouth.net>
59) [156712] Re: Another CEPT country to drop the code requirement
by Alex <kr1st@amsat.org>
60) [156713] RE: Another CEPT country to drop the code requirement
by "Boulineau, Lee" <lee.boulineau@attws.com>
61) [156714] BUBBA '03
by "Bob Hightower" <nk7m@extremezone.com>
62) [156715] Re: Pittsburg style with a dremel router?
by "Mike Yetsko" <myetsko@insydesw.com>
63) [156716] RE: SMT/SMD Prototype Boards
by Mark Schoonover <schoon@amgt.com>
64) [156717] Re: Pittsburg style with a dremel router?
by "Bill Acito W1PA" <w1pa@hotmail.com>
65) [156718] Re: Pittsburgh style with a dremel router?
by Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
66) [156719] RE: SMT/SMD Prototype Boards
by "Sverre Holm" <la3za@qsl.net>
67) [156720] Re: Another CEPT country to drop the code requirement

by Paul <mooney@cytanet.com.cy>
68) [156721] RFI help needed
by WE7X@aol.com
69) [156722] Antenna theory question
by WE7X@aol.com
70) [156723] Re: RFI help needed
by Dale Botkin <dale@botkin.org>
71) [156724] Re: RFI help needed
by "John Sielke" <jsielke@pobox.com>
72) [156725] Re: Fiberglass poles..try the rakes and shovels
by Tom Severt <n2uhc@yahoo.com>
73) [156726] Re: RFI help needed
by Tom Severt <n2uhc@yahoo.com>
74) [156727] FS: QRP+ Companion (Lots of things in one!!)-> SOLD!!!
by "=?iso-8859-1?q?Miguel=20Angel=20D.J.?" <ea1bp@yahoo.es>

Date: Thu, 21 Aug 2003 15:57:45 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: "Mike Yettsko" <myettsko@insydesw.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156654] Re: RG-8 half price....
Message-ID: <002301c36837\$a30cf050\$706aadcf@RadioRoom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Mike Yettsko" <myettsko@insydesw.com>
To: "Bill Jones" <kd7s@psnw.com>; "Low Power Amateur Radio Discussion"
<qrp-l@Lehigh.EDU>
Sent: Thursday, August 21, 2003 2:59 PM
Subject: Re: RG-8 half price....

> They carry 8X? I though they only carried the 8M?

The box it came from was labeled RG-8M but it had RG-8U written on the jacket of the cable itself.

=====
Bill Jones KD7S <><
<http://www.psnw.com/~kd7s>
Sanger, California
=====

Date: Thu, 21 Aug 2003 19:08:45 -0400
From: Rick McKee <kc8aon@juno.com>
To: fpqrp-l@mpna.com, qrp-l@Lehigh.EDU
Subject: [156655] BLT tuner info
Message-ID: <20030821.190849.12078.0.kc8aon@juno.com>

Was wondering if anyone has built the BLT with the new aluminum case yet, and if there is room on the back panel for 2 SO-239 connectors ? I know BNC's are better, but all my current equipment has SO-239s and all my jumpers and feedlines are terminated with PL-259s, and I do not want to change them. I plan on doing the mod for the coax fed and end fed wire output on the BLT when I get it, and will need to put 2 SO-239s on the back. I already have 2 SO-239 with 2 mounting holes only each, which will allow them to be mounted closer together if there is room.

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW 40+, Norcal Cascade, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters
RX
QRP-L #2112, FPqrp #33, AR QRP AmQRP
I'll give up CW when I'm dead ! MAYBE !

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Date: Thu, 21 Aug 2003 18:33:50 -0500
From: "Brian Murrey" <brian@iquest.net>
To: "Flying Pigs" <fpqrp-l@fpqrp.com>, "QRP-L" <qrp-l@lehigh.edu>,
"QRPP-l" <QRPP-I@yahoogroups.com>
Subject: [156656] For Sale
Message-ID: <000b01c3683c\$adafc550\$02fea8c0@bjmw2k>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a Ten Tec Scout, with band modules for 15m, 20m, 30m and 40m.

It also has the noise blanker and microphone thingie. I only used it on CW and at QRP levels. The Scout can run 50w or be turned down to 5w as

it has a variable power adjustment.

I believe I also have the manual. It's a 9 out of 10.

Asking \$325.00 plus \$12 shipping in the USA

Let me know if you are interested.

```
=====
KB9BVN/QRP QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Elecraft K1 - Attic Dipole - 5w
Member of the ARRL - SOC #400
FISTS 5695 CC 764 FPQRP #-57 Bacon Bits Editor
=====
```

Date: Thu, 21 Aug 2003 00:14:41 -0400
From: Alex <kr1st@amsat.org>
To: jsielke@pobox.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [156657] Re: RG-8 half price....
Message-ID: <3F444731.4988F1AA@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John Sielke wrote:

> > And to save you even more big bucks, check out this item: 21-1710.

> They have to sell all this stuff to make room for the BPL modems they'll > be stocking.

I should've said to check the sale price and the regular price on that thing; then it would be clear what I meant with "saving big bucks". :)

73,
--Alex KR1ST

Date: Thu, 21 Aug 2003 19:37:56 -0400
From: Rick McKee <kc8aon@juno.com>

To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [156658] FS: QRP equipment
Message-ID: <20030821.193757.12078.1.kc8aon@juno.com>

OK, I have had 2 cancellations, so I still have for sale:

1 Vectronics 40 meter tunable receiver, and a homebrew 40 meter crystal controlled transmitter with crystal for 7.122 mhz, both built in the same enclosure. The receiver tunes 7.068 to 7.168, but can be retuned internally for any 100 khz of the 40 meter band by tweaking one coil slug. The enclosure looks like the one Radio Shack sells that has the black top and cream colored base and is about 8" x 3" x 5". It has a manual transmit switch and a relay that changes the antenna from the receiver to transmit - flip the switch & send with key, flip the switch back to receive like the old days ! No manual, but the receiver manual can be downloaded from the Vectronics site for free. Power cord included. I don't know who built this, but it works, and the transmitter does about 1 watt out. Got it in a trade, and it is excess to my needs. \$35 plus shipping, payment by postal money order only please. Or what do you have to trade ?

Also, still have one 88' doublet antenna - new - never used ! Built these to sell at local hamfest and sold all but 2 there. Made of RCA brand 18 ga speaker wire with nice flexible vinyl insulation and has 40' of 300 ohm TV twinlead. Has a stainless steel wire hanging loop on the center insulator for mounting as an inverted V from your telescopic fishing pole. I used one like it recently to keep in touch with the xyl from my motel room while on a job related training trip. Kept a sched with her every evening while there on 75 meters (140 miles apart) with the antenna about 10' up in some trees. Makes a nice backpack, camping, field day antenna - very compact when rolled up for storage ! \$28 shipped - payment by postal money order only please.

If interested, please contact me off the list.

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW 40+, Norcal Cascade, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters
RX
QRP-L #2112, FPqrp #33, AR QRP AmQRP
I'll give up CW when I'm dead ! MAYBE !

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Date: Thu, 21 Aug 2003 19:51:20 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [156659] RE: brainstorming on BPL
Message-ID: <721D3436A7C2B344A301FD4A413C71A9016F395F@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

<http://www.arrl.org/tis/info/HTML/plc/#Field>

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

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and advertising. For more information about ARRL, go to =
<http://www.arrl.org/news/features/inside-your-league.html>. For more =
information about membership, go to <http://www.arrl.org/join.html>. Your =
contribution can also help support ARRL's ongoing efforts to protect =
Amateur spectrum. Go to =
<https://www.arrl.org/forms/development/donations/basic/> to learn more =
about the ways you can support the ARRL programs and activities of most =
importance to you. You can help ARRL protect Amateur Radio for you and =
future generations to enjoy.

> -----Original Message-----

> From: Rick McKee [mailto:kc8aon@juno.com]

> Sent: Thursday, August 21, 2003 6:13 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: brainstorming on BPL

>=20

>=20

> What parts of the country is BPL being tried in currently --20

> anyone know ?

>=20

> 72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl

> SW 40+, Norcal Cascade, Yaesu FT-7, Homebrew 6V6 tube TX &=20

> Hallicrafters
> RX
> QRP-L #2112, FPqrp #33, AR QRP AmQRP
> I'll give up CW when I'm dead ! MAYBE !
>=20
>=20
> -----
> The best thing to hit the internet in years - Juno SpeedBand!
> Surf the web up to FIVE TIMES FASTER!
> Only \$14.95/ month - visit www.juno.com to sign up today!
>=20

Date: Thu, 21 Aug 2003 19:52:56 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156660] RE: brainstorming on BPL
Message-ID: <721D3436A7C2B344A301FD4A413C71A9016F3960@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

> After reading some of the Electrical Power Industry comments on the =
FCC
> website, one argument that stands out is the claim that no one has =
ever
> filed a complaint with the FCC, alleging that BPL caused actual =
interference
> to his/her radio or other electronic device.

The Austrian society filed reply comments and indicated that Austrian =
hams had generated 70 reports of interference from the trial areas. =
Main.net had trials in some of those cities, but their reply comments =
claimed that they had not received any reports.

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

ARRL is the National Association for Amateur Radio. It is supported by = membership dues, individual contributions and the sale of publications = and advertising. For more information about ARRL, go to = <http://www.arrl.org/news/features/inside-your-league.html>. For more = information about membership, go to <http://www.arrl.org/join.html>. Your = contribution can also help support ARRL's ongoing efforts to protect = Amateur spectrum. Go to = <https://www.arrl.org/forms/development/donations/basic/> to learn more = about the ways you can support the ARRL programs and activities of most = importance to you. You can help ARRL protect Amateur Radio for you and = future generations to enjoy.

> -----Original Message-----

> From: Alan Kaul, W6RCL [mailto:alan.kaul@worldnet.att.net]

> Sent: Thursday, August 21, 2003 3:09 AM

> To: Low Power Amateur Radio Discussion

> Subject: brainstorming on BPL

>=20

>=20

> After reading some of the Electrical Power Industry comments=20
> on the FCC

> website, one argument that stands out is the claim that no=20
> one has ever

> filed a complaint with the FCC, alleging that BPL caused=20
> actual interference

> to his/her radio or other electronic device.

>=20

> That statement may or may not be true -- but it is a claim=20
> made in one of

> the most-recent filings.

>=20

> Might I suggest that every amateur radio licensee living in=20
> the areas where

> BPL testing is underway be encouraged to check the Amateur=20
> bands in the

> area, and if there is interference from BPL, he/she should=20
> file an official

> FCC complaint. (If we don't know who the hams are, running=20
> the BPL test

> area zipcodes in the license database would produce such a list).

>=20

> I'd also suggest that anyone trying to operate mobile or=20
> portable in the BPL

> test areas who is bothered by interference also file=20
> complaints. (Perhaps

> even Ed Hare, W1RFI, attempted to operate while driving=20

> through the test

> area!)

>=20

> Better yet, let's consider an old fashioned "sit-in" where as=20

> many amateurs

> as possible try to operate mobile or portable in the impacted=20

> region and if

> they are/were interfered with -- let them all file official=20

> complaints!

>=20

> Only about 15 companies/organizations with the word POWER or the word

> ELECTRICAL in their names, filed comments.... out of about 3850 total

> Comments and Reply Comments.

>=20

> But it is not a popularity contest -- it is all about who=20

> the FCC will

> listen to. And we shouldn't surrender to BPL without doing as much as

> possibly can be done!

>=20

> 72/73 de alan

>=20

> Alan Kaul, W6RCL, LaCanada, CA

> w6rcl@amsat.org

> http://home.att.net/~alan.kaul/index.html

>=20

>=20

Date: Thu, 21 Aug 2003 16:58:47 -0700

From: "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>

To: "Hare,Ed, W1RFI" <w1rfi@arrl.org>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [156661] Re: brainstorming on BPL // Attn Ed, W1RFI

Message-ID: <006e01c36840\$31e39560\$d03dcd18@charterpipeline.net>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

attn: W1RFI

Ed, you did the field testing for ARRL in the BPL sites. Can you tell us where they are (by name or zipcode, or whatever), so we can try to find hams that might be living in the impacted area?

Also Ed, as W1RFI/3 and W1RFI/4, do you feel that you were interfered with and unable to make a QSO while driving through the affected area?

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Thu, 21 Aug 2003 19:04:01 -0500
From: "Rod Hotz" <42hotrodz@sbcglobal.net>
To: <qrp-l@lehigh.edu>
Subject: [156662] K8FF
Message-ID: <000901c36840\$e5341fe0\$6501a8c0@rh>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I seem to have misplaced...Okay, I lost it...the e-mail address for Wayne, K8FF. Would someone please send it to me as I'd like to ask him a question about my NorCal paddle.

Thanks 'yall...72/73,

Rod
K5BGB

Date: Thu, 21 Aug 2003 20:09:26 -0400
From: Vin Santis <vsantis@earthlink.net>
To: "Tentec (E-mail)" <tentec@contesting.com>
Cc: "QRP List (E-mail)" <qrp-l@lehigh.edu>
Subject: [156663] Fibreglass poles
Message-ID: <01C36820.31E8FA20.vsan@earthlink.net>

Hi,

I could use a 28 to 30 ft. FG pole to support a heavy center insulator and line isolator on a windom style antenna. Can someone point me to a supplier? BTW, this will be a somewhat permanent installation.
Thanks,

Vince Santis, N1VS
Winsted, CT
vsantis@earthlink.net

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.512 / Virus Database: 309 - Release Date: 8/19/03

Date: Thu, 21 Aug 2003 19:32:33 -0500

From: "Stuart Rohre" <rohre@arlut.utexas.edu>

To: <tentec@contesting.com>

Cc: "QRP List \ (E-mail\)" <qrp-l@lehigh.edu>

Subject: [156664] Re:] Fiberglass poles

Message-ID: <03b101c36844\$e0fe68a0\$4e100a0a@rohredt2000>

Vince,

Most of the 20 foot and longer fiberglass fishing poles suggested, would not support a heavy center insulator and line isolator. I would suggest a modest insulator, and taping the line isolator to the larger section of the pole, some distance down from the thin top most section. I believe from what you said, that the legs of the Windom style doublet would probably be like an inverted vee, and thus not capable of providing support to the line isolator relieving the pole of that strain.

-Stuart

K5KVH

Date: Thu, 21 Aug 2003 20:48:47 -0400

From: Alex <kr1st@amsat.org>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [156665] Postage from ZD7?

Message-ID: <3F45686F.55203320@amsat.org>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi there,

Would anyone know what to send to St. Helena Island (ZD7) for return postage for a QSL? I have no email addy available for the ZD7 station, unfortunately.

73,

--Alex KR1ST

Date: Thu, 21 Aug 2003 20:27:48 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: kc8aon@juno.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156666] Re: BLT tuner info
Message-ID: <3.0.2.32.20030821202748.00bbcae8@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Rick,

The connector panel is 1.5 inches wide. You could fit two of the single-hole SO-239s easier than the type with the 4-hole flange. You'd probably have to move the holes to different centers than those punched in the panel.

At 07:08 PM 8/21/2003 -0400, Rick McKee wrote:

>Was wondering if anyone has built the BLT with the new aluminum case yet,
>and if there is room on the back panel for 2 SO-239 connectors ? I know
>BNC's are better, but all my current equipment has SO-239s and all my
>jumpers and feedlines are terminated with PL-259s, and I do not want to
>change them. I plan on doing the mod for the coax fed and end fed wire
>output on the BLT when I get it, and will need to put 2 SO-239s on the
>back. I already have 2 SO-239 with 2 mounting holes only each, which
>will allow them to be mounted closer together if there is room.

>

>72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
>SW 40+, Norcal Cascade, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters
>RX

>QRP-L #2112, FPqrp #33, AR QRP AmQRP

>I'll give up CW when I'm dead ! MAYBE !

>

>

>

>-----
>The best thing to hit the internet in years - Juno SpeedBand!

>Surf the web up to FIVE TIMES FASTER!

>Only \$14.95/ month - visit www.juno.com to sign up today!

>

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 <http://www.netxqrp.org>

Date: Thu, 21 Aug 2003 19:47:30 -0600
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [156667] Re: OT: Amateurs we are...
Message-ID: <5.1.1.6.2.20030821193122.00a4d4d0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Ed's old "beater" car is evidence of his dedication to Amateur Radio. He obviously isn't working at ARRL for a big salary and a flashy company car. So thanks Ed, and keep up the good work!

72,
--Tim (KR0U)

>"John_K7FD" <john_k7fd@cablespeed.com>:
>
>No offense to Ed Hare, but couldn't the ARRL have provided him with a
>presentable rolling test lab to do these BPL tests? A nice
>professional-looking van decked out with modern test gear maybe? A TS-440
>bungee'd to a hunk of wood, while maybe representative of the average ham,
>doesn't add much credibility to Ed's findings...

Date: Thu, 21 Aug 2003 20:26:40 -0600
From: William R Colbert <w5xe@juno.com>
To: vsantis@earthlink.net, qrp-1@lehigh.edu
Subject: [156668] Re: Fibreglass poles
Message-ID: <20030821.202642.-307195.6.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Why not contact Tim, N9PUZ as he had mentioned such a pole - 28 ft extended, on here a few days ago. His Email and web site are at: tim@mcdonough.net

Photos: There are photos of the J-28 on the web at:
<<http://www.tim.mcdonough.net>>

Specs are:

J-28 Collapsible Pole -- General Information

** Specifications and Physical Data **

Extended Length: 28 feet

Collapsed Length: 45 & 5/8 Inches

Tip Diameter: 5 mm (about twice as thick as an SD-20)

Weight: ~ 3.5 lbs

73

Ray

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78

fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Thu, 21 Aug 2003 20:39:59 -0600

From: Tim Groat <tcgroat@earthlink.net>

To: qrp-1@lehigh.edu

Subject: [156669] Another BPL comment snafu...

Message-ID: <5.1.1.6.2.20030821203348.00a00270@mail.earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

"This confirmation verifies that ECFS has received and accept your filing. However, your filing will be rejected by ECFS if it contains macros, passwords, redlining, read-only formatting, a virus or automated links to source documents that is not included with your filing."

I goofed by sending a Word document containing references to two articles on a professional EMC web site. I've had to resubmit my comments as plain text. Sometimes a confirmation is not a confirmation!

Tomorrow I'll see if it worked or not...

72,

--Tim (KROU)

Date: Thu, 21 Aug 2003 22:40:25 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <njqrp@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [156670] DDS Daughtercard - Builders' Notes
Message-ID: <005601c36857\$657c3c30\$17c23ad0@GH001188>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As is customary for our kits, we have created a web page describing various tips and construction suggestions to assist those building up and using the NJQRP DDS Daughtercard Kit. If you have one of these kits, please be sure to check out this page, as there is some important late-breaking information that is beneficial in getting your DDS daughtercard performing at its best. This information is provided at <http://www.njqrp.org/dds/notes.html> .

*** By the way, the initial run of this kit is sold out ... and we have another one coming right on its heels! We're still taking orders but there will be a 2-week shipping timeframe because we're waiting for a backordered part from Digi-Key. We'll inform everyone when we begin shipping again.

Thanks for everyone's support of this project. There are many derivative projects in the making that use this daughtercard ... should be a fun ride for all.

73, George N2APB
n2apb@amqrp.org
<http://www.njqrp.org/dds>

=====
DDS DAUGHTERCARD - BUILDERS' NOTES
(Also see <http://www.njqrp.org/dds/notes.html>)

1) Schematic typos -- P1-1 and P1-2 designators are reversed. The actual signals on P1 are correct (i.e., Load is on pin 1), so just change the schematic: P1-1 to P1-2, and P1-2 to P1-1. The latest online schematic and manual (version 1.3) have this corrected.

2) Corrected bias resistor R4 for MAR-1A amplifier -- Bias resistor R4 was selected incorrectly. Instead of the 100-ohm 1/4W axial lead thru-hole resistor provided in the Kit, one should use a 510-ohm (green-brown-brown) resistor for a supply voltage of 12V. In fact, this resistor value is specified to be different at other supply voltage - e.g., if you are using a 9V supply/battery, R4 should be about 270-ohms. See the table below for the manufacturer-recommended values for this bias resistor: Generally, if you can get close enough with a standard 5% or 10% resistor, you should be okay. If you do not have the right resistor in your junk box, contact us and we'll

send you a 510-ohm resistor for 12V supply voltage operation. The output of the DDS Daughtercard will be a peak-to-peak voltage of about 1.2-volts. When measuring, or otherwise using this output signal, be certain to have a 50-ohm load attached for proper match.

3) Remove chip capacitor C8 ... It is not needed and removing it improves the spectral purity of the amplified signal.

4) Soldering the DDS chip (U1) to the PCB - If you attempt to solder the DDS integrated circuit onto the pc board yourself (i.e., instead of having someone else do it for you, such as KitBuilders), here is a slightly clearer method than described in the Manual ... Pre-solder pad for U1 pin 1, then carefully position the leads of U1 over its set of pads on the pc board. Re-heat the solder of pad 1 to reflow the solder onto U1 pin 1. This should leave the IC attached by pin 1. Again making sure the IC pins are aligned over all pads, carefully solder the opposite corner lead (pin 15) to its pad. This should leave all other pins of the IC aligned over their respective pads, making it easier to solder them to the pads. Go ahead and solder each of the other pins to their respective pads, being careful not to bridge across any adjacent pads. If this does happen, grab some solder wick or a solder sucker and use it to draw off the excess solder, which should be fairly easy and clean because of the solder mask on the circuit board.

5) Use of the DDS Daughtercard with the QuickieLab -- If you intend on using the DDS Daughtercard with the NJQRP QuickieLab, you must cut the +5V trace on the bottom of the QuickieLab pc board that leads to P1 pin 8 on the DDS Daughtercard socket. This is because the DDS Daughtercard produces its own internal 5-V supply and doesn't require that the QuickieLab supply it.

If you have other suggestions or corrections to offer, please contact me and we'll get them posted and communicated to all other builders in a timely fashion. Thanks!

Date: Thu, 21 Aug 2003 20:56:13 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-1@LeHigh.EDU>
Subject: [156671] Micro M Plus...
Message-ID: <Pine.LNX.4.33.0308212048160.24671-100000@neale.gpfn.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm finally getting around to applying solar power to my station...I have a small 5 watt panel outside and I'm about to hook up Mike's Micro M Plus charge controller between it and a battery...as Murphy's law dictates, the instructions are "missing"; which means I was always "falling" over them until I decided to hook things up...I want to be sure I hook the 4 connections up right and I cannot remember what I read in the instructions as to how the unit will work...I think I remember an instruction telling me NOT to tweak the little trimmer....

...it looks like the battery minus and the solar panel minus hook to 2 pads near the lower right corner of the board...the plus side of the solar panel looks like it hooks to the pad at PV+....my question then is does the battery + terminal hook to the pad immediately to the right of the PV+ pad?...thank you...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Thu, 21 Aug 2003 22:58:51 -0400
From: "Gene - NN7CK" <nn7ck@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <nn7ck@arrl.net>
Subject: [156672] KG6CYN DDS - Mini Circuits ERA-1SM Group Buy
Message-ID: <001201c36859\$514bb540\$0902a8c0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For all of the group buy, the parts have been ordered after a couple of days delay to get final info from a few folks.

I will start shipping as soon as they arrive.

Will send individual notificatons of shipment via email.

73 ... Gene ... NN7CK

----- Original Message -----

From: "Gene - NN7CK" <nn7ck@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <nn7ck@arrl.net>

Sent: Friday, August 08, 2003 21:40 PM
Subject: KG6CYN DDS - Mini Circuits ERA-1SM Group Buy

> So far I have 23 interested parties that said they wanted to participate
in
> the group buy including some DX.
>
> The total number of chips accounted for at this time is 39.
>
> For this quantity the chips are \$1.42 each with the next price break at
100.
> With a quantity of 39 we meet the Mini Circuits minimum order.
>
> I assumed one chip per reply unless a higher number was mentioned. I
> recommend a spare be purchased by each since these SMT parts are small and
> tough to remove without damage if you make a mistake during assembly and
> getting a replacement could be expensive.
>
> I need to work out the shipping details this weekend as soon as I locate a
> supply of padded envelopes and will send a go-notice later this weekend.
>
> Thanks for your patience ... 73 ... Gene ... NN7CK
>
>
>
>
>
>
>

Date: Thu, 21 Aug 2003 23:00:24 -0400
From: "Ken Newman" <n2cq@comcast.net>
To: "W3BG Jim Samuels" <W3BG@arrl.net>,
"N4SO Ken Brown" <elecraftk2@juno.com>,
Subject: [156673] [CONTEST] N2CQ QRP Calendar Aug 22-31
Message-ID: <000e01c36859\$88a3a570\$3fcb2d44@kensdell>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

~~~~~  
N2CQ QRP CONTEST CALENDAR  
August 22-31, 2003  
~~~~~

Hawaii QSO Party (CW/SSB/Digital) ... QRP Category
Aug 23 - 0700z to Aug 24 - 2200z
Rules: http://www.karc.us/hi_qso_party.html

TOEC WW Grid Contest (CW) ... <100W category
Aug 23 - 1200z to Aug 24 - 1200z
Rules: <http://www.qsl.net/toec/contest.htm>

Ohio QSO Party (CW/SSB) ... QRP Category
Aug 23 - 1600z to Aug 24 - 0400z
Rules: <http://www.mrrc.net/oqp>

BUBBA Summer QRP Sprint *** QRP CONTEST! ***
Aug 23 - 1600z to 2200z
Rules: <http://www.extremezone.com/~nk7m/>

Colorado QRP Club - Summer QSO Party (SSB/CW) *** QRP CONTEST! ***
Aug 24 - 1800z to 2359z
Rules: <http://www.cqc.org/contests/>

YO DX HF Contest (CW/SSB)
Aug 30 - 1200z to Aug 31 - 1200z
Rules: http://www.hamradio.ro/contests/yodx_eng.htm

SLOVENIA CONTEST CLUB RTTY Championship .. 100W Category
Aug 30 - 1200z to Aug 31 - 1159z
Rules: <http://lea.hamradio.si/~scc/rtty/htmlrules.htm>

Thanks to SM3CER, WA7BNM, N0AX(ARRL), WB3AAL and others
for assistance in compiling this calendar.

Please forward the contest info you sponsor to N2CQ@ARRL.NET and
we will post it and give it more publicity.

Anyone may use this "N2CQ QRP Contest Calendar" for your website,
newsletter, e-mail list or other media as you choose.

(Include a credit to the source of this material of course.)

72 de

Ken Newman - N2CQ

N2CQ@ARRL.NET

<http://www.amqrp.org/contesting/contesting.html>

<http://www.njqrp.org/data/contesting.html>

<http://www.n3epa.org/Pages/Contest/contest.htm>

<http://www.qsl.net/cqrp/contests.html>

Date: Thu, 21 Aug 2003 23:30:30 -0400
From: Peter Burbank <peterlee@qx.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156674] Re: Fibreglass poles (fiberglass?)
Message-ID: <5.2.0.9.0.20030821231452.00a0cc00@mail.qx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Vince and all

This AM the power went down here, luckily I had made some iced tea the night before.

Turns out to be a nearby pole Xformer and was watching the service guy reset things with

a "hot stick". It looked to be at least 30 feet long. Pretty stout.

I wonder how they dispose of them when the stick gets a bit shoddy.

This bears further investigation.

Pete NV4V

At 08:09 PM 8/21/2003, Vin Santis wrote:

>Hi,

>

>I could use a 28 to 30 ft. FG pole to support a heavy center insulator and

>line isolator on a windom style antenna. Can someone point me to a

>supplier? BTW, this will be a somewhat permanent installation.

>Thanks,

>

>Vince Santis, N1VS

>Winsted, CT

>vsantis@earthlink.net

>

>

>---

>Outgoing mail is certified Virus Free.

>Checked by AVG anti-virus system (<http://www.grisoft.com>).

>Version: 6.0.512 / Virus Database: 309 - Release Date: 8/19/03

Date: Thu, 21 Aug 2003 23:45:11 -0400
From: "Ron McConnell" <rcmcc@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Cc: "W2IOL" <w2iol@arrl.net>, <fantbb@yahoo.com>,
"George VE3ERP Murphy" <ve3erp@encode.com>
Subject: [156675] RE: Pocket DOS for the Pocket PC

Message-ID: <002601c3685f\$ca667540\$91be0ecf@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hey, Jeff!

Verrrry interesting.

In addition to TL.exe and Murph's great
HAMCALC package, check out the wonderful
set of freeware antenna and transmisson line
analysis DOS programs by Reg Edwards, G4FGQ.

<http://www.brinternet.com/~g4fgq>

In particular, check out DIPOLE3 which will
analyze a dipole of given length, wire guage,
connected to a given length of several types
of transmission lines, at a given height=20
above ground of given electrical parameters.
While you are at it, you might as well
download all of his programs if you are
the slightest bit interested in the subject.

For those who may not know, the latest version
of HAMCALC can now be found on the CQ magazine web site.

<http://www.cq-amateur-radio.com>

You may also want to try my freeware DOS
antenna bearing (true & magnetic), distance
(using the WGS-84 ellipsoid as default),
lat&long/grid, MaxiMUF, dx database program GCGC from

<http://home.earthlink.net/~rcmcc>

I would be very interested in what happens
with GCGC on a Pocket PC. It works fine
on native DOS pocket PCs like HP 95 (100, 200...),
and the Fujitsu Poqet PC.
If you try GCGC, please let me know.

I may have to get one of the _new_ pocket PCs now. :)
You will help me explain it to the xyl, right?

Cheers, 73,

Ron McConnell

w2iol@arrl.net

N 40=BA 46' 57.9" W 74=BA 41' 21.9"
FN20ps77GU46 [FN20ps77GV75]

<http://home.earthlink.net/~rcmcc=20>

Date: Thu, 21 Aug 2003 22:49:40 -0500
From: Michael Goins <mgoins@usa.net>
To: <peterlee@qx.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156676] Re: [Re: Fibreglass poles (fiberglass?)]
Message-ID: <206HHVDx01120S16.1061524180@uwdvg016.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Turns out to be a nearby pole Xformer and was watching the service guy =
reset things with a "hot stick". It looked to be at least 30 feet long. P=
retty stout. I wonder how they dispose of them when the stick gets a bit shodd=
y.
This bears further investigation.
Pete NV4V

I have two of them - one about 28 feet long and another that is close to =
35 or
so. Very stout, with about a 1/8" wall. Collapse down to about 4 feet in
length and heavy. Bright yellow. Bought mine, but have since heard that t=
he
power companies sometimes give theirs away (they break the ends off somet=
imes)
and that they also replace them periodically because of diaelectric break=
down
worries. Very strong when erect.

72,

mike
wb5yjx
100% Solar station: SW20+, SW30+, NE4040, RockMite40
Mobile: FT-817 @ 1 watt, CW and SSB
QRP-ARCI 3922 (former managing editor, QRP Quarterly), =

SOC 54, Flying Pig 447, QRP-L 2130, Adventure Radio 810,
Alaska QRP 514, QCWA 30857, AMQRP

Murphy's Law of Inanimate Reproduction: If you take anything apart and put it back together enough times, pretty soon you'll have two."

Date: Thu, 21 Aug 2003 22:57:10 -0500
From: Richard Clem <clem.law@usa.net>
To: <qrp-l@Lehigh.EDU>
Subject: [156677] Re: brainstorming on BPL
Message-ID: <377HHVD6k8032S03.1061524630@uwdvg003.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

W6RCL wrote:

Might I suggest that every amateur radio licensee living in the areas where BPL testing is underway be encouraged to check the Amateur bands in the area, and if there is interference from BPL, he/she should file an official FCC complaint. =

A similar idea occurred to me today. If I caught wind that BPL was coming to my neighborhood, I would send a letter to all of the neighbors within a reasonable distance, explaining that my signals will probably interfere with BPL, and that under Part 15, the BPL user would need to tolerate that interference. =

I believe this would be true (I would be quite careful as to how I worded= my claims), and it seems that it would put quite a damper on things when the= the marketing people started knocking on doors.

It would also avoid a lot of neighbor problems when the inevitable interference arose.

73,
Rick W0IS

Date: Fri, 22 Aug 2003 00:08:36 -0400
From: "Ron McConnell" <rcmcc@earthlink.net>
To: "'Ron McConnell'" <rcmcc@earthlink.net>,
 "'QRP-L'" <qrp-l@lehigh.edu>
Cc: "'W2IOL'" <w2iol@arrl.net>, <fantbb@yahoo.com>,
 "'George VE3ERP Murphy'" <ve3erp@encode.com>
Subject: [156678] RE: Pocket DOS for the Pocket PC
Message-ID: <003701c36863\$0ffa0380\$91be0ecf@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

OOPS!
That's

<http://www.bTinternet.com/~g4fgq>

not www.bR...

73,

Ron McC.
w2iol

Date: Fri, 22 Aug 2003 00:19:02 -0400
From: "Ron McConnell" <rcmcc@earthlink.net>

To: "QRP-L" <qrp-l@lehigh.edu>
Cc: <fantbb@yahoo.com>, "W2IOL" <w2iol@arrl.net>
Subject: [156679] RE: Pocket DOS for the Pocket PC - AGAIN
Message-ID: <003801c36864\$84e4a0a0\$91be0ecf@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

One more time...
This url works for G4FGQ.

<http://www.btinternet.com/~g4fgq.regp>

73,

Ron McC.
w2iol

Date: Fri, 22 Aug 2003 00:33:55 -0400
From: Peter Burbank <peterlee@qx.net>
To: qrp-l@lehigh.edu
Subject: [156680] BPL (I realize most are tired of this topic)
Message-ID: <5.2.0.9.0.20030821233410.00a11dd0@mail.qx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I watched a PBS tv show about lightning and got to thinking about the effects of pass through capacitors on transformers. We take a lot of hits here which are exacerbated by the rocky ground situation. I'm not an EE but seems to me that differentiated pulses rattling around on local lines could be a lot higher voltage than a currently mostly inductive wiring.situation. All thoughts welcome
73 Pete NV4V

Date: Fri, 22 Aug 2003 00:47:29 -0400
From: "John Paul Keon" <jpkeon@nc.rr.com>
To: <mgoins@usa.net>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [156681] Re: [Re: Fibreglass poles (fiberglass?)]
Message-ID: <012b01c36868\$7e5cbc00\$6401a8c0@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

I got 4 of them from the local power company.
I just waited for them to get the one's they discarded.
They do get rid of them when they do not pass their
dielectric tests. Cost for each one new is \$600+ so
they don't give away good new ones. But, if you know
someone on a truck, you might be lucky.

John Paul, Raleigh, NC [AB4PP]//NNN UTV
<http://www.knightlites.org>
"We all take different paths in life, but no matter where
we go, we take a little of each other everywhere."
----- Original Message -----
From: "Michael Goins" <mgoins@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, August 21, 2003 11:49 PM
Subject: Re: [Re: Fibreglass poles (fiberglass?)]

Turns out to be a nearby pole Xformer and was watching the service guy
reset things with a "hot stick". It looked to be at least 30 feet long.
Pretty
stout. I wonder how they dispose of them when the stick gets a bit shoddy.
This bears further investigation.
Pete NV4V

I have two of them - one about 28 feet long and another that is close to 35
or
so. Very stout, with about a 1/8" wall. Collapse down to about 4 feet in
length and heavy. Bright yellow. Bought mine, but have since heard that the
power companies sometimes give theirs away (they break the ends off
sometimes)
and that they also replace them periodically because of dielectric
breakdown
worries. Very strong when erect.

72,
mike

wb5yjx

100% Solar station: SW20+, SW30+, NE4040, RockMite40

Mobile: FT-817 @ 1 watt, CW and SSB

QRP-ARCI 3922 (former managing editor, QRP Quarterly),

SOC 54, Flying Pig 447, QRP-L 2130, Adventure Radio 810,

Alaska QRP 514, QCWA 30857, AMQRP

Murphy's Law of Inanimate Reproduction: If you take anything apart and put it back together enough times, pretty soon you'll have two."

Date: Fri, 22 Aug 2003 04:56:27 +0000

From: k7gt@comcast.net

To: qrp-l@lehigh.edu

Subject: [156682] F/S:: SWL SW40+

Message-ID: <200308220502.h7M52S1X018970@rain.CC.Lehigh.EDU>

I have a SWL SW40+ For Sale. Works perfectly and in the SWL-supplied case. Has a minor scratch on the panel. \$55 + appx \$7 shipping CONUS.

--

Allan K7GT

Pleasanton CA

Date: Fri, 22 Aug 2003 01:01:22 -0400

From: Peter Burbank <peterlee@qx.net>

To: qrp-l@lehigh.edu

Subject: [156683] El Cheapo board spacers

Message-ID: <5.2.0.9.0.20030822004915.009f9ec0@mail.qx.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Gangue,

The next time the 409 or Lysol spray bottle runs out yank out the plastic tube that runs to the bottom

and save for spacers. Cut to length with a sharp knife for circuit board

spacers. Some will pass a long 6/32
screw but have not figured out how to shrink the end to thread in anything
smaller than an 8/32 screw (which
is a bit large for most circuit boards).
73 es happy building
Pete NV4V

Date: Fri, 22 Aug 2003 02:31:39 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>, Laurel ARC <larc-l@webtrek.com>,
<w7pxl@valleyradioclub.org>
Subject: [156684] FS: Ten-Tec model 238 antenna tuner
Message-ID: <Pine.LNX.4.44.0308220226170.26133-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Selling my TT 238 antenna tuner. Roller inductor, big components, handles
4 antennas with bypass mode and many, many tuning positions.

Matches OMNI V, Paragon, and OMNI V/VI, color- and size-wise.

Clean inside and out, with manual.

New 238B units sell for \$475.

Asking \$350 plus actual shipping costs.

Thanks, 73,

Scott N7JI

--
Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Fri, 22 Aug 2003 02:44:57 -0500
From: mjfitz@uswest.net
To: qrp-l@Lehigh.EDU
Subject: [156685] More El Cheapo Board Spacers

Message-ID: <3F45C9F9.ADF61521@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If you shoot a .22 a bit the brass shell casings also make good spacers after you cut off the base of the cartridge with a dremel-type cutting disc. The longer .22 magnum shells by CCI that are nickel-plated brass are even better, and it gives you another reason to go out and slay poor little animals...if you need another one...

just another cold-blooded killer...
Mike NOMF

Date: Fri, 22 Aug 2003 12:12:07 +0200 (CEST)
From: "=?iso-8859-1?q?Miguel=20Angel=20D.J.?=" <ea1bp@yahoo.es>
To: qrp-1@Lehigh.EDU
Subject: [156686] FS: QRP+ Companion (Lots of things in one!!)
Message-ID: <20030822101207.86988.qmail@web20005.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Hello,
I have for sale a QRP Companion basically for the QRP+
(You can use it for other QRP transceivers).

Information about the QRP Companion

QRP Companion is a :

- Antenna tuner
- Noise bridge
- Gel Cell Battery
- Charger

Antenna tuner: Wide matching range provides excellent results even on 160 meters. Simple, unambiguous adjustment with two controls. Feeds balanced and simple ended antennas.

Noise Bridge: Accurately set the tuner on receive. No need for on-air tune up.

4 1/2 AMP hour Gel Cell Battery: Self contained battery provides a week-end of operation on single

charge.

Charger: A wall type supply maintains the battery at full charge.

Make your offer!!

Thanks,

Miguel

Yahoo! Messenger - Nueva versi n GRATIS
Super Webcam, voz, caritas animadas, y m s...
<http://messenger.yahoo.es>

Date: Fri, 22 Aug 2003 06:20:31 -0400
From: "John" <jdorson@worldshare.net>
To: <vsantis@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [156687] Re: Fibreglass poles
Message-ID: <003701c36897\$091e31b0\$c89b8b41@ATHOME>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Try MFJ.

John K2JHU...

----- Original Message -----

From: "Vin Santis" <vsantis@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, August 21, 2003 8:09 PM
Subject: Fibreglass poles

> Hi,

>

> I could use a 28 to 30 ft. FG pole to support a heavy center insulator and
> line isolator on a windom style antenna. Can someone point me to a
> supplier? BTW, this will be a somewhat permanent installation.

> Thanks,

>

> Vince Santis, N1VS
> Winsted, CT
> vsantis@earthlink.net
>
>
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.512 / Virus Database: 309 - Release Date: 8/19/03
>
>

Date: Fri, 22 Aug 2003 07:12:28 -0400
From: "Paul Valko" <w8kc@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156688] What is it about hams?
Message-ID: <005c01c3689e\$46288d10\$6601a8c0@p4main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oh boy...

> If I caught wind that BPL was coming to
> my neighborhood, I would send a letter to all of the neighbors within a
> reasonable distance, explaining that my signals will probably interfere
with
> BPL, and that under Part 15, the BPL user would need to tolerate that
> interference.

... pin this to the hamshack wall in case you ever need a reminder of what's
wrong with hams or why the general public has a low opinion of this hobby.

73! =paul= W8KC
Collector of Ten*Tecs and Other Fine Plastics.
Visit the Virtual Ten*Tec Museum at <http://mywebpages.comcast.net/w8kc>

Date: Fri, 22 Aug 2003 07:37:11 -0400
From: "Walt Amos" <waltk8cvamosqrp@gbronline.com>
To: "Qrp-l Posts" <qrp-l@lehigh.edu>
Subject: [156689] Fw: RG-8 half price....
Message-ID: <002e01c368a1\$bb1bf1e0\$31ecbfcf@waltamos>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The key word here is BELDEN ! GENUINE BELDEN !! Ask your WIFE / SISTER /
MOTHER , buy quality !!

Walt K8CV Royal Oak, MI.

----- Original Message -----

From: "John Sielke" <jsielke@pobox.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, August 21, 2003 4:26 PM
Subject: Re: RG-8 half price....

>
> > hanks for the tip!
> > And to save you even more big bucks, check out this item: 21-1710. I
> > mean, with these kind of savings you'll be able to do so much more in
> > this hobby.
> > 73,
> > --Alex KR1ST
>
> They have to sell all this stuff to make room for the BPL modems they'll
be
> stocking.
>
> Seriously, somebody asked what coax I would recommend, so here is another
> "OPINION." Not to be confused with hard, irrefutable fact as others are
able
> to state.
>
> First Choice 7/8" Hardline. (OK, kidding, but I used to use it for my UHF
> and 1296 antennas.)
>
>
> Second Choice Belden 9913. Same diameter as RG8 but much less loss. A
> little "stiffer" to handle.
>
> Third Choice..If it was available a few years ago I would have tried
> "Buriable RG-8." See <http://www.davisrf.com>.

>
> Fourth Choice. RG-213 with NONCONTAMINATING jacket.
>
> If your run is more than 100', don't even consider less than
9913....unless
> you use open wire, which is best anyway, but that is another OPINION for
> another day.
>
>
>
> John W2AGN
>

Date: Fri, 22 Aug 2003 07:41:21 -0400
From: "Walt Amos" <waltk8cvamosqrp@gbronline.com>
To: "Qrp-l Posts" <qrp-l@lehigh.edu>
Subject: [156690] Fw: RG-8 half price....
Message-ID: <004001c368a2\$4fe675c0\$31ecbfcf@waltamos>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Buy from " JAKE " the dog, he has good prices and quality stuff !

Walt K8CV Royal Oak, MI.

----- Original Message -----
From: "Bill Jones" <kd7s@psnw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, August 21, 2003 6:57 PM
Subject: Re: RG-8 half price....

>
> ----- Original Message -----
> From: "Mike Yettsko" <myetsko@insydesw.com>
> To: "Bill Jones" <kd7s@psnw.com>; "Low Power Amateur Radio Discussion"
> <qrp-l@Lehigh.EDU>
> Sent: Thursday, August 21, 2003 2:59 PM
> Subject: Re: RG-8 half price....
>
>
> > They carry 8X? I though they only carried the 8M?

>
> The box it came from was labeled RG-8M but it had RG-8U written on the
> jacket of the cable itself.
>
> =====
> Bill Jones KD7S <><
> <http://www.psnw.com/~kd7s>
> Sanger, California
> =====
>
>

Date: Fri, 22 Aug 2003 09:34:10 -0400
From: "Lee Mairs" <lmairs@direcway.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156691] Re: RG-8 half price....
Message-ID: <005201c368b2\$12f1cdd0\$2418f7a5@J4>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Along the opinion lines, is that "Buriable RG-8" the same as "Flexi"? I
used some flexi from RF Connection in Gaithersburg, MD, for the past 12
years at my VA QTH. It still looks good, although I will still probably
replace it when I put my beam up in WBGV.
73 de Lee
km4yy/8

----- Original Message -----
From: "John Sielke" <jsielke@pobox.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, August 21, 2003 4:26 PM
Subject: Re: RG-8 half price....

>
> > hanks for the tip!
> > And to save you even more big bucks, check out this item: 21-1710. I
> > mean, with these kind of savings you'll be able to do so much more in
> > this hobby.
> > 73,
> > --Alex KR1ST
>
> They have to sell all this stuff to make room for the BPL modems they'll

be
> stocking.
>
> Seriously, somebody asked what coax I would recommend, so here is another
> "OPINION." Not to be confused with hard, irrefutable fact as others are
able
> to state.
>
> First Choice 7/8" Hardline. (OK, kidding, but I used to use it for my UHF
> and 1296 antennas.)
>
>
> Second Choice Belden 9913. Same diameter as RG8 but much less loss. A
> little "stiffer" to handle.
>
> Third Choice..If it was available a few years ago I would have tried
> "Buriable RG-8." See <http://www.davisrf.com>.
>
> Fourth Choice. RG-213 with NONCONTAMINATING jacket.
>
> If your run is more than 100', don't even consider less than
9913....unless
> you use open wire, which is best anyway, but that is another OPINION for
> another day.
>
>
>
> John W2AGN
>

Date: Fri, 22 Aug 2003 09:50:13 -0400
From: "Hugo W. Catta" <hugo@optonline.net>
To: myetsko@insydesw.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [156692] Re: RG-8 half price....
Message-ID: <004f01c368b4\$50732030\$45245643@dell2000>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

\$35.00 for 100' of that crap is not worth it. (\$70.00 as listed is
ridiculous to begin with).
Check the usual ditributors and you'll find REAL RG-8, (Belden or CQ), with
non-contaminating jacket and 95%+ shielding for a few cents more.

Hugo
AA1XV

----- Original Message -----

From: "Mike Yetzko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, August 21, 2003 2:40 PM
Subject: RG-8 half price....

> Radio Shack has their RG-8 coax on sale with an on-line coupon for
> half price...
>
> <http://www.radioshack.com/Coupons/Coupons.asp#>
>
>

Date: Fri, 22 Aug 2003 09:08:24 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: Paul Valko <w8kc@comcast.net>
Cc: qrp-l <qrp-l@lehigh.edu>
Subject: [156693] Re: What is it about hams?
Message-ID: <Pine.LNX.4.44.0308220904430.26133-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The problem is not us. If I'm interfering with one neighbor's stereo,
I'll put toroids on the speaker wires. I'm willing to help.

If it's about messing up someone's TV between the hours of 8 and 10 p.m.,
I would (and have) altered my operating hours.

However, if it's something like this, where EVERYONE gets messed up, and
the power companies and FCC KNEW it would happen, I would say,

"it is impossible to prevent that which is unpreventable"

and on such a large scale. Then I'd say,

"please contact your ISP, a.k.a. Elec-Co. They knew this would happen
and I am physically unable to help because you can't fix what can't be
fixed."

Scott N7JI

On Fri, 22 Aug 2003, Paul Valko wrote:

```
> Oh boy...
>
> > If I caught wind that BPL was coming to
> > my neighborhood, I would send a letter to all of the neighbors within a
> > reasonable distance, explaining that my signals will probably interfere
> with
> > BPL, and that under Part 15, the BPL user would need to tolerate that
> > interference.
>
> ... pin this to the hamshack wall in case you ever need a reminder of what's
> wrong with hams or why the general public has a low opinion of this hobby.
>
> 73! =paul= W8KC
> Collector of Ten*Tecs and Other Fine Plastics.
> Visit the Virtual Ten*Tec Museum at http://mywebpages.comcast.net/w8kc
>
>
>
>
>
```

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Fri, 22 Aug 2003 09:24:51 -0400
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [156694] Re: What is it about hams?
Message-ID: <3F4619A3.2050509@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

```
>
>
>Oh boy...
>
>> If I caught wind that BPL was coming to
>> my neighborhood, I would send a letter to all of the neighbors within a
```

>> reasonable distance, explaining that my signals will probably interfere
>with
>> BPL, and that under Part 15, the BPL user would need to tolerate that
>> interference.
>
>.... pin this to the hamshack wall in case you ever need a reminder of what's
>wrong with hams or why the general public has a low opinion of this hobby.
>
>73! =paul= W8KC
>

Oh, I dunno, sounds mild to me. I was thinking more in terms of:

1. Disconnect Main Circuit Breaker.
2. Connect solid state HF amnp (powered by truck battery) to power line though isolating capacitor.
3. Pump about 500 watts of HF RF into the line.

Hey, they want to put HF RF on the power lines, fine, help them out.

I heard of a ham who did a similar thing on the TV cable, when it interfered with 2 meters. Only an Urban legend, I'm sure.

John W2AGN

Date: Fri, 22 Aug 2003 10:06:25 +0000
From: ve3ab@mail.mondenet.com
To: qrp-l@lehigh.edu
Subject: [156695] Fiberglass poles..try the rakes and shovels
Message-ID: <200308221406.h7ME6YI3005074@webmail.mondenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I bought a rake with a fiberglass handle at a large home improvement store(H.D.)..I wanted the fiberglass pole (only about 4 and a half foot long) for an antenna project im working on. It is hollow but sturdy..but short. The diameter is approx and inch and a quarter or so. The only thing one could do..for a longer pole..is to make a composite pole ..of fiberglass and aluminum tubing pieces. I have alot of aluminum tubing here.

It would possilby make a good antenna mast..perhaps as tall as 12 feet without guying.

The recent arrl antenna handbook has a design of "composite" quad spreaders made from aluminum tubing and pvc (you could use fiberglass). The aluminum spreaders were broken up (so they would not be resonant on any HF frequency).

73 Earl VE3AB(note: i think fiberglass becomes brittle with UV radiation so i will protect with marine paint for my project. .

Date: Fri, 22 Aug 2003 09:07:54 -0500
From: "Michael Melland, W9WIS" <w9wis@charter.net>
To: lmairs@direcway.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [156696] Re: RG-8 half price....
Message-ID: <006101c368b6\$c9a5f8e0\$4986e98d@winad.it.uwosh.edu>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

The "buriable RG-8" is Davis RF "Buryflex" (9914) cable. GREAT stuff. It is "true" direct bury type coax if you want, ie: non-contaminating jacket (PVC really is never buriable). Several large coax distributors indicate their PVC RG-8 (RG-213) is direct bury but guess what....

"BuryFlex" is actually very similar to RG-214. It has 100% foil shielding as well as 97% tinned copper braid. The jacket is tough Polyethylene (PE) ... stranded center connector... low loss 2.9 dB/100 ft @ 400 MHz or 1.5 dB/100 ft @ 30 MHz about the same as LMR-400 and 9913 without the associated problems like special connectors and water infiltration a much less cost at .62 per foot.

And.... Steve Davis, principle owner of the company, is a ham (K1PEK) and supports hams. Amateur sales is a drop in the bucket in their yearly sales but they will go out of their way to deliver/develop quality products even if it "costs" them to keep this "little profit" stuff around.

I don't work for Davis... never met Steve Davis, although over the years I've had some educational phone conversations with him... I'm not a dealer.... just a very satisfied customer.

Mike, W9WIS

Date: Fri, 22 Aug 2003 10:10:49 -0400

From: Jeremy Cowgar <jc@cowgar.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [156697] Schematic Drawing Program
Message-ID: <3891796.1061547049@[192.168.0.138]>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Greetings.

What's the general consensus on a good, free Schematic drawing program. It seems that there are quite a few of the > 15, and it would take quite the chunk of time to evaluate them all, so I was curious of the QRP-L group has a favorite?

Thanks,

Jeremy
KB8LFA
<http://www.qsl.net/kb8lfa/>

Date: Fri, 22 Aug 2003 10:16:44 -0400
From: k1nun@netscape.net
To: qrp-l@lehigh.edu
Subject: [156698] RE: QRP-L digest 3019
Message-ID: <714F615C.06DC8616.00012A9D@netscape.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=utf-8
Content-Transfer-Encoding: 8bit

To add to the discussion, I posted the following on 20-Aug-2003 through the elec comment filing system: <http://gullfoss2.fcc.gov/ecfs/Upload/>

I echo the comments and position stated by the American Radio Relay League (ARRL) by Ed Hare and urge consideration of the points raised by Chuck Carpenter (operator of Amateur Radio station W5USJ). The actual interference caused by Broadband over Power Lines will render high frequency communications extremely difficult or impossible for most typical applications.

This interference will cause excessive research and development to counteract its problems. These R&D costs will be borne by consumers, raising the cost of HF communications equipment and services. Since the power line utilities stand to benefit from the BPL proposal and since they do not share the cost of the remedy, the balance of responsibility for the resulting problems is unfair and improperly

placed. The power line utilities should bear the burden of such R&D, as well as to provide remedies to the services affected by their interference (See Carpenter's comments for a partial list of such affected services).

Additionally, the interference is not confined to the United States. The power line utilities have no control over the laws of physics. Their interference will be propagated within our national borders as well as to other countries, some of which may not be allies in our battles against terrorism. Therefore, BPL represents a potential threat to national security, especially if (so-called) secure carriers divert some internet traffic through power lines for part of their transmissions.

Finally, the security of messages sent through BPL is very, very low, especially in consideration of the aged equipment in use for power transmission. First, the utilities need to fix the infrastructure, during which activity they can improve the channels for this secondary use; BPL is a secondary function to the primary function of power distribution. The recent blackout in the northeast highlights the need to replace this infrastructure, but the public should not participate in the cost of rebuilding it by fees imposed for broadband use.

Please do not allow Broadband over Power Lines. Thank you.

Eric Falkof
Amateur Radio Operator, Extra Class, K1NUN (licensed since 1960)

received comment filing number 2003820932429

McAfee VirusScan Online from the Netscape Network.
Comprehensive protection for your entire computer. Get your free trial today!
<http://channels.netscape.com/ns/computing/mcafee/index.jsp?promo=393397>

Get AOL Instant Messenger 5.1 free of charge. Download Now!
<http://aim.aol.com/aimnew/Aim/register.adp?promo=380455>

Date: Fri, 22 Aug 2003 09:34:57 -0500
From: Michael Goins <mgoins@usa.net>
To: <jpkeon@nc.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156699] Re: [Re: [Re: Fibreglass poles (fiberglass?)]]
Message-ID: <471HHVoI66608S02.1061562897@uwdvg002.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

The ones I've known them to give away were those they had damaged the tips on
or where they had broken at some point. Also forgot to mention that they have
pop-out buttons that lock each section as you raise them. Work great for
portable where you aren't backpacking (heavy) with some simple guys. Because
they are so strong, they can hold a pretty good load. Last section is solid,
not hollow. =

72,
mike
wb5yjx
100% Solar station: SW20+, SW30+, NE4040, RockMite40
Mobile: FT-817 @ 1 watt, CW and SSB
QRP-ARCI 3922 (former managing editor, QRP Quarterly), =

SOC 54, Flying Pig 447, QRP-L 2130, Adventure Radio 810,
Alaska QRP 514, QCWA 30857, AMQRP

Murphy's Law of Inanimate Reproduction: If you take anything apart and put it
back together enough times, pretty soon you'll have two."

Date: Fri, 22 Aug 2003 11:05:50 -0400
From: "John Sielke" <jsielke@pobox.com>
To: qrp-l@Lehigh.EDU
Subject: [156700] BUBBA (and FYBO)
Message-ID: <3F45F90E.3343.43B9F8A@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

For FYBO in February, the weekend before we had sub-freezing temps and 18" of
snow. On the Saturday of FYBO...temps were the upper 40's and rain!

BUBBA forecast, today and yesterday temps are lower 90's and humidity 80%.
Tonight cold front, tomorrow for BUBBA, cooler and dryer. Supposed to barely
make 80 deg.

It's not fair! Need to go operate portable in AZ for Bubba and VT or MN for
FYBO.

John W2AGN

Date: Fri, 22 Aug 2003 10:42:59 -0500
From: Rob Matherly <w0jrm@arrl.net>
To: "Thomas Kuehl" <ac7a@earthlink.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [156701] Re: Amateurs we are...
Message-ID: <200308221042.59433.w0jrm@arrl.net>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable

On Wednesday 20 August 2003 11:06 pm, Thomas Kuehl wrote:

> I think the one-quarter of US hams, who are ARRL members (me included),
> should pay higher annual fees so that the league can buy a slicker, mor=
e
> impressive "beatermobile."

FYI, it's called the "Deathmobile" ;^)

--=20
72/73/oo - Rob, w0jrm
FPQrp -330; QRPP-I #19; WATPK #1
"A learned fool writes his nonsense in better language than the
unlearned, but still 'tis nonsense." Benjamin Franklin

Date: Fri, 22 Aug 2003 12:11:27 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [156702] Another CEPT country to drop the code requirement
Message-ID: <3F4640AF.61AC00EC@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

As of September 1st, The Netherlands will drop the code requirement, giving holders of CEPT Class 2 licenses the same privileges as those of CEPT Class 1 licensees.

The following CEPT countries already dropped the code requirements:

Switzerland - July 15th
U.K. - July 26th
Belgium - August 4th
Germany - August 15th
Norway - August 16th
Netherlands - September 1st

U.S.A. - sooner than you think

It just occurred to me that now that more and more CEPT countries choose to treat Class 1 and Class 2 the same, one could operate on HF from those CEPT countries with only a U.S. Tech license. From the FCC Public Notice (DA 99-2344) "AMATEUR SERVICE OPERATION IN CEPT COUNTRIES":

"When the privileges authorized by the FCC license grant are Technician Class operator privileges, the corresponding CEPT operator privileges are CEPT radio amateur Class 2."

and

"As mentioned above, operator privileges are subject to the regulations of the country visited."

73,
--Alex KR1ST

Date: Fri, 22 Aug 2003 12:18:18 -0400 (EDT)
From: rwk32882@apk.net
To: jc@cowgar.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156703] Re: Schematic Drawing Program
Message-ID: <41049.128.156.10.12.1061569098.squirrel@squirrelmail.apk.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Jeremy,

I have used a number of different schematic/layout programs ranging from the very expensive to free. The one that has impressed me the most is a little program called EAGLE which is available for both Windows and Linux.

A free version (somewhat limited) is available for non-commercial use and the full versions are available at a comparatively low price (compared to professional programs). This program has a very manageable learning curve and a fairly diverse component library (of course you can add your own). If you have any other questions about EAGLE feel free to ask.

<http://www.cadsoftusa.com>

73,

Ryan

AG4ZP

<http://www.rose-hulman.edu/~kingsbrw/>

> Greetings.

>

> What's the general consensus on a good, free Schematic drawing program. It

> seems that there are quite a few of the > 15, and it would take quite the

> chunk of time to evaluate them all, so I was curious of the QRP-L group

> has

> a favorite?

>

> Thanks,

>

> Jeremy

> KB8LFA

> <http://www.qsl.net/kb8lfa/>

>

Date: Fri, 22 Aug 2003 09:21:31 -0700

From: "Lyle Johnson" <wa7gxd@fidalgo.net>

To: <jc@cowgar.com>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [156704] RE: Schematic Drawing Program

Message-ID: <NEBBKGGNGLGOHDJKFAPHAIEIAENAA.wa7gxd@fidalgo.net>

MIME-Version: 1.0

Content-Type: text/plain;
charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Hello Jeremy!

> What's the general consensus on a good, free Schematic drawing

> program.

It depends on what you want to do with it, and what sort of computer you are running.

If you only want graphics, there was an article in QST a few years ago about using Windows Paint (comes as part of Windows) for drawing schematics. ARRL website has a download file for the symbols created by the author. MacDraw can likely be used for the same purpose, or Draw under RISC OS. Undoubtedly there are multiple choices under Linux, too.

If you want the schematic program to carry connectivity/netlist information, then you need a dedicated schematic drawing program. Then the question becomes which PCB layout tool you want to use, because the schematic program needs to support the PCB program's netlist format. And you might want backannotation, and...

Some companies offer limited function (usually related to the number of parts or symbols on a drawing) versions of their higher-end programs.

72/73,

Lyle KK7P

Date: Fri, 22 Aug 2003 12:45:57 -0400
From: "w8diz" <w8diz@cinci.rr.com>
To: <qrp-1@Lehigh.EDU>, <fpqrp-1@fpqrp.com>
Subject: [156705] HB: Large Ferrite Cores
Message-ID: <007901c368cc\$dcdb3d70\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

Many of you in the past have asked if I could carry large type 43 material toroids. I now stock the FT240-43. This donut can handle quite a few turns of RG58 or RG8X. It will choke everything at HF and then some. Also makes a great paper weight :)

<http://partsandkits.com/ferrites.html>

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

Date: Fri, 22 Aug 2003 12:57:34 -0400
From: Bob Patten <n4bp@bellsouth.net>
To: jsielke@pobox.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156706] Re: BUBBA (and FYB0)
Message-ID: <3F464B7E.4040208@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

John Sielke wrote:

>BUBBA forecast, today and yesterday temps are lower 90's and humidity 80%.
>Tonight cold front, tomorrow for BUBBA, cooler and dryer. Supposed to barely
>make 80 deg.

>

>

Similar problem here in SFL. While we do have the humidity (100%), the
rain and cloud cover is holding
our normal mid-90's down to mid-80's. Oh well, will operate outside in
slightly more comfortable condx,
although I do enjoy the heat... Looking forward to working a lot of
QRPers tomorrow as well as in the
CQC Summer Party on Sunday.

--

73, Bob Patten, N4BP

Plantation, FL

E-Mail: n4bp@arrl.net

Website: <http://www.qsl.net/n4bp>

QRP ARCI #3412 SOC #1 ARS #799

Whiners #6 FISTS #7871

Date: Fri, 22 Aug 2003 13:07:54 -0400
From: K7VO <k7vo@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [156707] Re: Another CEPT country to drop the code requirement

Message-ID: <20030822130754.5115d69a.k7vo@earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

On Fri, 22 Aug 2003 12:11:27 -0400

Alex <kr1st@amsat.org> wrote:

> As of September 1st, The Netherlands will drop the code requirement,
> giving holders of CEPT Class 2 licenses the same privileges as those
> of CEPT Class 1 licensees.

>

> The following CEPT countries already dropped the code requirements:

>

> Switzerland - July 15th

> U.K. - July 26th

> Belgium - August 4th

> Germany - August 15th

> Norway - August 16th

> Netherlands - September 1st

Austria has also decided to drop the code. New Zealand (not a CEPT country) has as well.

I agree with Alex that no code in the U.S. is coming and coming soon. There are two approaches you can take to this:

1) grouse about it, complain about the no code newcomers, discourage people, put them down, and ultimately drive them out of the hobby -OR-

2) elmer the no-coders, share your love of CW, and show them why they might want to learn it.

Since the code requirement was dropped to 5WPM there has been way too much of #1 going around, and IMHO it stinks. I DO NOT want this hobby to die out as the current generation of hams ages and dies.

If you want newcomers to be good hams show them the way. If you don't want the hobby "dumbed down" (whatever that means) then find ways and write proposals to make the written tests more relevant and meaningful. I have no problem with making people learn something to get a General or Extra -- indeed, it's important.

I will not engage in another code vs. no code debate. It's pointless. No code is coming. The question is: how can we turn it into something positive?

72/73,

Caity
K7V0

--

Caitlyn M. Martin -- K7V0
<http://www.mizuhoradio.com/personal/k7vo>

Unofficial Mizuho website:
<http://www.mizuhoradio.com>

Tokyo Hy-Power reflector website:
<http://groups.yahoo.com/group/tokyohypower>

Date: Fri, 22 Aug 2003 13:03:26 -0400
From: "Bill Acito W1PA" <w1pa@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
"Ed Tanton" <n4xy@earthlink.net>
Subject: [156708] Re: SMT/SMD Prototype Boards
Message-ID: <BAY1-DAV27HfqR77bie0003fc2a@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ed,

This is exactly what I was looking for.
I looked at Gateway's website but it doesn't look like they sell them
anymore;
is it under my nose? I admit, I haven't tried calling yet.

Bill
w1pa

----- Original Message -----

>

> Personally I MUCH prefer the JENMAT PROTO-B at:
> <<http://www.jenmat.com/proto.htm>> . While THIS board has a center with a
> centered SMD-IC outline (and a solid GP beneath the IC part (ONLY), there
> is a pretty fair amount of board space dedicated to just pads. They're a
> LITTLE pricey... but not overly so-and if you got 2 or 3 smaller boards
> from one, the price gets down to something like reasonable. Gateway
> Electronics in St. Louis <<http://www.gatewayelex.com/>> sells them for
Jenmat.

>

Date: Fri, 22 Aug 2003 12:16:09 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156709] Re: Schematic Drawing Program
Message-ID: <Pine.LNX.4.33.0308221213200.15099-1000000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 22 Aug 2003, Jeremy Cowgar wrote:

> What's the general consensus on a good, free Schematic drawing program.

I've been using Eagle for a while now. Their free version would probably meet most hams' needs.

72,
Dale - NOXAS

--

It's a thankless job, but I've got a lot of Karma to burn off.

Add memories, auto-CQ, variable pitch and more to your Rock-Mite
or next homebrew project! <http://www.hamgadgets.com>

Date: Fri, 22 Aug 2003 13:20:42 -0400
From: "Bill Acito W1PA" <w1pa@hotmail.com>
To: <qrp-l@Lehigh.EDU>
Subject: [156710] Pittsburg style with a dremel router?
Message-ID: <BAY1-DAV61e3gNZs4nL00002960@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I may have missed this thread since I read the list sporadically
via the web archive...

Has anyone attempted Pittsburg-style boards by manually removing copper with
a dremel router?

Bill
W1PA

Date: Fri, 22 Aug 2003 13:16:04 -0400
From: "Jerry Lofstead" <jerrylofstead@bellsouth.net>
To: <kr1st@amsat.org>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [156711] Re: Another CEPT country to drop the code requirement
Message-ID: <000401c368d1\$11439080\$0a02070d@HAM>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well,

W5YI, NCVEC has petitioned teh FCC to drop it... See CQ magazine website!

Jerry
W3CDE

----- Original Message -----
From: "Alex" <kr1st@amsat.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, August 22, 2003 12:11 PM
Subject: Another CEPT country to drop the code requirement

> As of September 1st, The Netherlands will drop the code requirement,
> giving holders of CEPT Class 2 licenses the same privileges as those of
> CEPT Class 1 licensees.
>
> The following CEPT countries already dropped the code requirements:
>
> Switzerland - July 15th
> U.K. - July 26th
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> Germany - August 15th
> Norway - August 16th
> Netherlands - September 1st
>
>
> U.S.A. - sooner than you think
>
> It just occurred to me that now that more and more CEPT countries choose
> to treat Class 1 and Class 2 the same, one could operate on HF from

> those CEPT countries with only a U.S. Tech license. From the FCC Public
> Notice (DA 99-2344) "AMATEUR SERVICE OPERATION IN CEPT COUNTRIES":
>
> "When the privileges authorized by the FCC license grant are Technician
> Class operator
> privileges, the corresponding CEPT operator privileges are CEPT radio
> amateur Class 2."
>
> and
>
> "As mentioned above, operator privileges are subject to the regulations
> of the country visited."
>
> 73,
> --Alex KR1ST

Date: Fri, 22 Aug 2003 13:34:25 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [156712] Re: Another CEPT country to drop the code requirement
Message-ID: <3F465421.4EBD73AD@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

K7VO wrote:

> Austria has also decided to drop the code. New Zealand (not a CEPT
> country) has as well.

I didn't list Austria since it's not formalized there yet and no exact
date is available. But indeed they do intent to drop it sometime soon.
September is mentioned on QRZ. Perhaps I should've listed it.

I'm sure most CEPT countries will follow very soon as the whole point of
CEPT is to have harmonized regulations within participating countries. I
just thought it was interesting that with a U.S. Tech license you can
get more privies overseas than here in the U.S. :)

73,
--Alex KR1ST

Date: Fri, 22 Aug 2003 12:41:25 -0500
From: "Boulineau, Lee" <lee.boulineau@attws.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [156713] RE: Another CEPT country to drop the code requirement
Message-ID: <90B09553A615CE4192A646D8CFA67DA81C87A6@TX-MSG05-
CCC.wireless.attws.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: quoted-printable
content-class: urn:content-classes:message

No-Code is a reality - so lets get used to it!!! We have an opportunity to bring in new amateurs into our little QRP community - and we don't have to push the code to do it!! I have operated QRP SSB and RTTY, and PSK-31 kicks some serious butt as a low power mode!!! Let's get these new HF operators to try out low power (especially with PSK-31) as an operating challenge, and then we can introduce CW. I was an Extra who didn't operate CW until I made a couple of QRP SSB contacts with a friend's Ten-Tec 515 - until then I ran 800 watts and collected wallpaper but wasn't challenged. Now I like CW and QRP because it is a challenge to me - and yes, I still will run 800 watts once in a while. YMMW - thanks for the bandwidth.

72/73 (145???) de N4MVL Lee

Date: Fri, 22 Aug 2003 10:49:37 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: <qrp-1@lehigh.edu>
Subject: [156714] BUBBA '03
Message-ID: <000301c368d5\$c1de9b20\$b49e8c40@Bobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: quoted-printable

Tomorrow is the day! BUBBA 2003 is here, and the weather here in AZ is cooperating. Go to
<http://www.extremezone.com/~nk7m/bubba03.htm> for the rules and temp charts.

Bob NK7M

Date: Fri, 22 Aug 2003 14:38:20 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>

To: <w1pa@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156715] Re: Pittsburg style with a dremel router?
Message-ID: <007f01c368dc\$99861160\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I may have missed this thread since I read the list sporadically
> via the web archive...
>
> Has anyone attempted Pittsburg-style boards by manually removing copper
with
> a dremel router?
>
> Bill
> W1PA

While I've not done it myself, back about 1983 or so, I saw a formal
demonstration of a system to do just that, It used I think a Hi-Plot bed
type plotter, and it had a small router bit instead of a pen.

The company was selling the software to read in your schematic, and
convert trace to 'trace outlines' so the router would work.

I only saw the demo, didn't get to actually have 'hands on' with a board
made this way. But it looked neat.

Mike

Date: Fri, 22 Aug 2003 11:58:10 -0700
From: Mark Schoonover <schoon@amgt.com>
To: "'w1pa@hotmail.com'" <w1pa@hotmail.com>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156716] RE: SMT/SMD Prototype Boards
Message-ID: <BF889CEBEFD2D511B993009027F60ABE4F70D4@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

-----Original Message-----
From: Bill Acito W1PA [mailto:w1pa@hotmail.com]
Sent: Friday, August 22, 2003 10:03 AM

To: Low Power Amateur Radio Discussion
Subject: Re: SMT/SMD Prototype Boards

Ed,

This is exactly what I was looking for.
I looked at Gateway's website but it doesn't look like they sell them anymore;
is it under my nose? I admit, I haven't tried calling yet.

Bill
w1pa

----- Original Message -----

>
> Personally I MUCH prefer the JENMAT PROTO-B at:
> <<http://www.jenmat.com/proto.htm>> . While THIS board has a center with a
> centered SMD-IC outline (and a solid GP beneath the IC part (ONLY), there
> is a pretty fair amount of board space dedicated to just pads. They're a
> LITTLE pricey... but not overly so-and if you got 2 or 3 smaller boards
> from one, the price gets down to something like reasonable. Gateway
> Electronics in St. Louis <<http://www.gatewayelex.com/>> sells them for
Jenmat.
>

I have seen the SurfBoards brand in the San Diego Gateway... They are kinda pricey, but probably worth the money... Might be able to roll your own with toner transfer paper, but you'll be limited in line width...

72

.mark

Date: Fri, 22 Aug 2003 15:05:59 -0400
From: "Bill Acito W1PA" <w1pa@hotmail.com>
To: <qrp-1@Lehigh.EDU>
Subject: [156717] Re: Pittsburg style with a dremel router?
Message-ID: <BAY1-DAV14vu8bPdZ0t000354a4@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, nothing like this:

http://www.super-tech.com/root/MiniRoboIII/default_main.asp

<http://www.t-tech.com/>

...just want to manually try it. :-)

Bill
W1PA

Date: Fri, 22 Aug 2003 12:30:56 -0700
From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Cc: "'w1pa@hotmail.com'" <w1pa@hotmail.com>
Subject: [156718] Re: Pittsburgh style with a dremel router?
Message-ID: <7FD24C15A06DD511BF9E00D0B73E99520D734B97@az33exm05.corp.mot.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

>Has anyone attempted Pittsburgh-style boards by manually removing copper with
>a dremel router?

Bill:

When I first came to Motorola and worked on RF, I built my first prototypes using a dremel tool and cutting wheel to carve out islands on double sided PCB for parts for my designs.

Since then I have discovered that a hybrid of ugly construction mixed with an occasional Manhattan pad is much faster and easier to undo when an idea does not pan out.

- Dan, N7VE

Date: Fri, 22 Aug 2003 22:06:02 +0200
From: "Sverre Holm" <la3za@qsl.net>
To: <n4xy@earthlink.net>,
 "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [156719] RE: SMT/SMD Prototype Boards

Message-ID: <000201c368e8\$d01eb2c0\$8e00a8c0@Master>

MIME-Version: 1.0

Content-Type: text/plain;
charset="US-ASCII"

Content-Transfer-Encoding: 7bit

I use a adapters that I have etched myself inspired by
[http://www.pulseresearchlab.com/products/gigadapters/groups/ECL/so8ec1.h
tm](http://www.pulseresearchlab.com/products/gigadapters/groups/ECL/so8ec1.htm)

and similar ones for S014 and S020. I put them on top of a PCB with the
copper side up, and use the NJQRP ISLANDER PAD CUTTER (I got it from the
G-QRP club) to make a mix of SMT and Manhattan style construction.

--

73,
Sverre

Sverre Holm, LA3ZA
www.qsl.net/la3za

Date: Fri, 22 Aug 2003 23:45:55 +0300
From: Paul <mooney@cytanet.com.cy>
To: kr1st@amsat.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [156720] Re: Another CEPT country to drop the code requirement
Message-ID: <1061585155.3875.5.camel@localhost>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

On Fri, 2003-08-22 at 20:34, Alex wrote:

> K7VO wrote:

>

> > Austria has also decided to drop the code. New Zealand (not a CEPT
> > country) has as well.

>

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> date is available. But indeed they do intent to drop it sometime soon.
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> I'm sure most CEPT countries will follow very soon as the whole point of
> CEPT is to have harmonized regulations within participating countries. I
> just thought it was interesting that with a U.S. Tech license you can
> get more privies overseas than here in the U.S. :)
>
> 73,
> --Alex KR1ST

I'm not 100% sure that's accurate.

Isn't it you get the 'minimum' your/their license allows. e.g. UK (max
output 400 watts (in dB)) licensee in US could only use 400 watts?

Paul M.

Date: Fri, 22 Aug 2003 17:03:19 EDT
From: WE7X@aol.com
To: qrp-l@lehigh.edu
Subject: [156721] RFI help needed
Message-ID: <155.23304c74.2c77df17@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Greetings,

I just came from the shack of AC7SB, who is running a K2 into a 540 foot
loop. His favorite band is 17 meters, and right around 18.129 MHz is a nasty
tone, which is coming from a ATT Merlin PBX type phone unit in his house. He is
a retired ATT employee, and installed the phone system himself - but well
before becoming a ham - a bit ironic at best.

If all the internal boards are removed the tone remains, until the
switching power supply is disabled. The power supply provides +5, +12, and +48
volts
to the unit.

At the rig, the tone disappears when the antenna is disconnected. I had
previously suggested to try a torrid on the power cord, but since the signal
appears to be coming from the antenna, I'm not sure this would be of any benefit.

Tuning around the bands with the K2 (ham band only) seems to indicate that
this frequency is the only one being radiated.

Any suggestions?

Rod Johnson
Issaquah, WA

Date: Fri, 22 Aug 2003 17:20:23 EDT
From: WE7X@aol.com
To: qrp-1@lehigh.edu
Subject: [156722] Antenna theory question
Message-ID: <1c6.e2b3103.2c77e317@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Greetings again,

The same station (of AC7SB) has a ~540 foot loop at about 45 to 50 feet of elevation. His home is on the West side of a broad hill and very near the hilltop (about 50 feet from the top) at an elevation of about 900 feet).

To the West and somewhat to the South, the hill slopes away very fast, with an open view of some 20 miles to some slightly higher hills in the distance.

To the North is fairly flat and treed and to the East is the slightly higher part of his hill which is heavily tree covered, and with the Cascade Mountains at a 30 to 40 mile distance.

The question is: How much would you expect him to gain by increasing the loop circumference to ~ 1000 feet (poor guy has no trouble finding the space) with about 10 acres of relatively flat open land surrounded by tall trees) , and raising the average height another thirty or so feet - slightly more difficult, but possible with a lot more rope.

This came up in a discussion of his general layout. He has been licensed less than a year, and thinks it will be to his advantage to do both. I agreed with him, but indicated that, in my opinion, it would not likely be a large enough difference to make it worth the trouble.

It might also be our club Field Day site for the following year

All reasonable comments and suggestions will be forwarded to him.

Rod Johnson WE7X

Issaquah ARC (W7BI)

Date: Fri, 22 Aug 2003 16:24:41 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: <WE7X@aol.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [156723] Re: RFI help needed
Message-ID: <Pine.LNX.4.33.0308221622270.15726-100000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 22 Aug 2003 WE7X@aol.com wrote:

> At the rig, the tone disappears when the antenna is disconnected. I had
> previously suggested to try a torrid on the power cord, but since the signal

> appears to be coming from the antenna, I'm not sure this would be of any benefit.
> Tuning around the bands with the K2 (ham band only) seems to indicate that
> this frequency is the only one being radiated.
> Any suggestions?

Try toroids on the Merlin's power cord. Also - have you tried it with the power supply plugged in and all station cords unplugged? The Merlin (at least the old 405/810 etc that I used once) provides power to the stations via the 8-conductor cords, so those may be radiating.

72,
Dale - N0XAS

--
It's a thankless job, but I've got a lot of Karma to burn off.
PicoKeyer is available for the Rock-Mite! <http://www.hamgadgets.com>

Date: Fri, 22 Aug 2003 17:48:59 -0400
From: "John Sielke" <jsielke@pobox.com>
To: qrp-1@Lehigh.EDU
Subject: [156724] Re: RFI help needed
Message-ID: <3F46578B.18319.5ACD52A@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

> His favorite band is 17 meters, and right around 18.129 MHz is a nasty
> tone, which is coming from a ATT Merlin PBX type phone unit in his house. He
> is a retired ATT employee, and installed the phone system himself - but well
> before becoming a ham - a bit ironic at best.

> Any suggestions?

One comes to mind right away. What does a retired guy need a PBX phone in his home for? Just so the telemarketers can call on several different lines?

Unless he is running a business, dump the PBX phone.

John W2AGN

Date: Fri, 22 Aug 2003 14:50:06 -0700 (PDT)
From: Tom Sevart <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [156725] Re: Fiberglass poles..try the rakes and shovels
Message-ID: <20030822215006.19329.qmail@web9607.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- ve3ab@mail.mondenet.com wrote:
> I bought a rake with a fiberglass handle at a large
> home improvement
> store(H.D.)..I wanted the fiberglass pole (only
> about 4 and a half
> foot long) for an antenna project im working on.

Fiberglass would work far better than a wooden broom handle. I made an antenna with a mast made from a wooden one, and despite being varnished at the factory and having several coats of paint applied by me, it still rotted from the rain & sun after being up for a couple years. I'll never again use wood as an antenna mast.

=====
Tom Sevart N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Fri, 22 Aug 2003 14:59:36 -0700 (PDT)
From: Tom Sevart <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [156726] Re: RFI help needed
Message-ID: <20030822215936.20049.qmail@web9607.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- WE7X@aol.com wrote:
> Greetings,

> If all the internal boards are removed the tone
> remains, until the
> switching power supply is disabled. The power
> supply provides +5, +12, and +48 volts
> to the unit.

It's obvious the switching power supply (which have been known to be bad about producing RFI) is the culprit. Not sure what the solution would be here other than heavy shielding of the power supply and perhaps a few toroids.

=====

Tom Severt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?

Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Sat, 23 Aug 2003 00:07:15 +0200 (CEST)
From: "=?iso-8859-1?q?Miguel=20Angel=20D.J.?=" <ea1bp@yahoo.es>
To: qrp-1@Lehigh.EDU
Subject: [156727] FS: QRP+ Companion (Lots of things in one!!)-> SOLD!!!
Message-ID: <20030822220715.75661.qmail@web20009.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Hello,
Thanks everybody for all the emails asking about the Companion, but now it has a new owner.

Thanks to all.

Miguel

Yahoo! Messenger - Nueva versi n GRATIS
Super Webcam, voz, caritas animadas, y m s...
<http://messenger.yahoo.es>

End of QRP-L Digest 3020
